

OPERATIONAL ANALYSIS SYSTEM FOR A COMMUNICATION DEVICE

ABSTRACT OF THE DISCLOSURE

A system and method for analyzing the real-time performance of a communication device. An aspect of the present invention records information input to the communication device during real-time operation of the communication device. A playback device or module may execute a model of the communication device in a non-real-time environment according to the recorded real-time input information. System execution in the non-real-time playback environment may, therefore, be equivalent to the original operation of the communication device that occurred in real-time. Accordingly, situations that occur in real-time may be efficiently recreated in non-real-time playback. An operator may analyze the past real-time performance of the communication device using the playback device or module, the recorded real-time input information, and a debugger utility if desired, without conducting additional trials to reproduce the desired operational situation.